AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

SEQUENCE LISTING

```
<110> SODE, Koji
       IKEBURKURO, Kazunori
<120> METHOD FOR DETECTING TARGET MOLECULE USING APTAMER
<130> 3691-0132PUS1
<140> US 10/580,044
<141>
      2006-05-19
<150> PCT/JP2004/017665
<151> 2004-11-22
<150> JP 2003-431323
<151>
      2003-11-22
<160>
      11
<170> PatentIn version 3.1
<210>
      1
<211> 31
<212> DNA
<213> Artificial Sequence
<220>
<223> experimental model for verifying assay system: Synthetic Thrombin aptamer
<400> 1
cactggtagg ttggtgtggt tggggccagt g
                                                                     31
<210> 2
<211> 58
<212>
      DNA
<213> Artificial Sequence
<220>
<223> experimental model for verifying assay system: Synthetic Thrombin-invA
       aptamer
<400> 2
cactggtagg ttggtggt tggggccaqt gggcatcaat actcatctgt ttaccggg
                                                                     58
<210>
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223>
      experimental model for verifying assay system: Synthetic
      target DNA derived from Salmonella invA gene
<400> 3
cccggtaaac agatgagtat tgatgcc
                                                                     27
<210> 4
```

<211> <212> <213>	DNA Artificial Sequence		
<220> <223>	experimental model for verifying assay system: Synthetic control DNA used in detection of Salmonella invA gene		
<400> gaatcc	4 ggta ctggctaaga caactgt	27	
<210><211><211><212><213>	5 58 DNA Artificial Sequence		
<220> <223>	experimental model for verifying assay system: Synthetic Thrombin-SARS aptamer		
<400> 5 cactggtagg ttggtgtgt tggacgacga attcatgatc acgtccttgg ggccagtg			
<210> <211> <212> <213>	DNA		
<220> <223>	experimental model for verifying assay system: Synthetic target DNA derived from SARS virus gene		
<400> tgatca	6 tgaa ttcgt	15	
<210><211><211><212><213>	DNA		
<220> <223>	experimental model for verifying assay system: Synthetic control DNA used in the detection of SARS virus gene		
<400> attgct	7 atcg tacat	15	
<210><211><211><212><213>	DNA		
<220> <223>	experimental model for verifying assay system: Synthetic Thrombin-ATP aptamer		
<400>	8		

cactgg	tagg ttggtgtggt tctgggggag tattgcggag gaagttgggg ccagtg	56
	9 67 DNA Artificial Sequence	
<220> <223>	experimental model for verifying assay system: Synthetic Thrombin-invA- 3'5' aptamer	
<400> actcat catcaa	9 ctgt ttaccgggca ctggtaggtt ggtgtggttg gggccagtgc ttcaaatcgg t	60 67
<210><211><211><212><213>	10 36 DNA Artificial Sequence	
<220> <223>	experimental model for verifying assay system: Synthetic target nucleotide sequence InvADNA	
<400> cccggt	10 aaac agatgagtat tgatgccgat ttgaag	36
<210> <211> <212> <213>	11 36 DNA Artificial Sequence	
<220> <223>	experimental model for verifying assay system: Synthetic control DNA used to detect thrombin activity	
<400> attgta	11 cttg gactgtgcat tagcatgtta cagtca	36